

### **ABSTRACT OF THE DISCLOSURE**

A repeater system for hand portable radios that may be outside normal coverage in a mobile radio system. Short messages or emergency messages from the portable radio are transmitted to an on-board or other mobile station, and forwarded from there to a central station or other required station in the system. The on-board station generally has a higher powered transmitter than the portable station and is within network coverage when the messages are received. The on-board station might be carried by a vehicle for example, and the portable station might be carried by a public safety official who has left the vehicle to investigate a nearby event.